

WHAT IS CLAIMED IS:

1. A disc unit comprising:
 - a head that records information from and/or reproduces information
5 onto a disc;
 - a suspension that includes a top surface and a side surface, and supports said head on the top surface;
 - a flexible printed circuit board attached to the side surface of said suspension through an air gap, said flexible printed circuit board transmitting a signal
10 indicative of the information to and from said head; and
 - a damper that damps oscillation of said flexible printed circuit board.
2. A disc unit according to claim 1, wherein said damper includes:
 - a first layer; and
 - 15 a second layer, formed on said flexible printed circuit board and connected to said flexible, which elastically transmits the oscillation from said flexible printed circuit board to the first layer.
3. A disc unit according to claim 2, wherein the second layer is made of
20 a viscoelastic material.
4. A disc unit according to claim 2, wherein the second layer is a pressure sensitive adhesive double coated tape.
- 25 5. A disc unit according to claim 2, wherein the first layer is made of metal.

6. A disc unit according to claim 2, wherein the first layer is made of polyimide.

7. A disc unit according to claim 1, further comprising a spindle motor
5 that rotates the disc at a speed of 10,000 rpm or higher, wherein the disc has storage capacity of 60 GB or larger.

8. A disc unit comprising:
a head that records information from and/or reproduces information
10 onto a disc; and
a flexible printed circuit board that transmits a signal indicative of the information to and from said head, said flexible printed circuit board having at least two layers, one layer of which damps vibration generated in the other layer.

15 9. A disc unit comprising:
a head that records information from and/or reproduces information onto a disc;

a suspension that supports said head and includes a circuit that is electrically connected to the head;

20 a trunk flexible printed circuit board connected to the circuit of said suspension, said flexible printed circuit board transmitting a signal indicative of the information to and from said head;

a main flexible printed circuit board, connected to said trunk flexible printed circuit, which includes a preamp IC that amplifies the signal; and

25 a damper that damps oscillation of said trunk flexible printed circuit board.

10. A disc unit according to claim 9, wherein said trunk flexible printed circuit board is connected to the circuit at a first junction, and said main flexible printed circuit board at a second junction, and

wherein said trunk flexible printed circuit board is fixed to said
5 wireless suspension between the first and second junctions.

11. A disc unit comprising:

a head that records information from and/or reproduces information
onto a disc;

10 a long tail type suspension that supports said head and includes a circuit that is electrically connected to the head, said suspension including a long tail part that transmits a signal indicative of the information to and from said head;

a main flexible printed circuit board connected to the long tail part of said long tail type suspension, said main flexible printed circuit board including a
15 preamp IC that amplifies the signal; and

a damper attached to the long tail part of said long tail type suspension.

12. A long tail type suspension that supports a head that records
20 information from and/or reproduces information onto a disc, said suspension comprising:

a printed circuit that is electrically connected to the head, said suspension including a long tail part that transmits a signal indicative of the information to and from said head, and is connectible to a main flexible printed circuit
25 board which includes a preamp IC that amplifies the signal; and

a damper attached to the long tail part of said long tail type

suspension.